

In $\odot P$, $\widehat{RS} \parallel \widehat{TV}$.

1. Name the intercepted arc for $\angle RTS$.

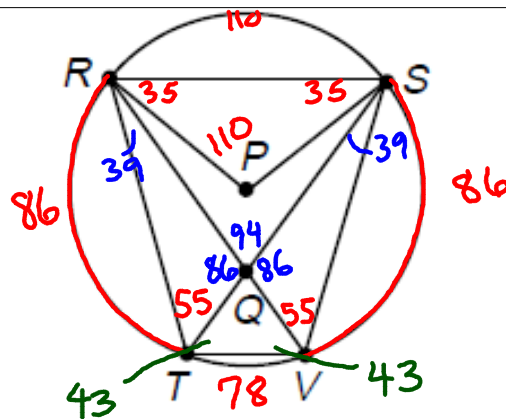
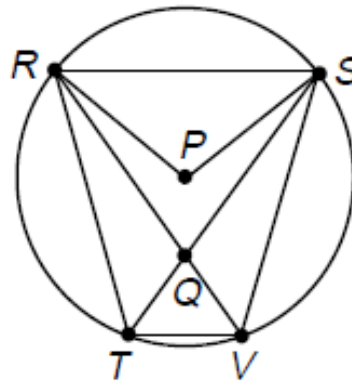
\widehat{RS}

2. Name an inscribed angle.

$\angle RTS, \angle RST, \angle RVS,$
 $\angle SRV, \angle VSR$

3. Name a central angle.

$\angle RPS$



In $\odot P$, $m\widehat{SV} = 86$ and $m\angle RPS = 110$. Find each measure.

4. $m\angle PRS$

35

5. $m\widehat{RT}$

86

6. $m\angle RVT$

43

7. $m\angle SVT$

98

8. $m\angle TQV$

94

9. $m\angle RQT$

86

10. $m\angle QRT$

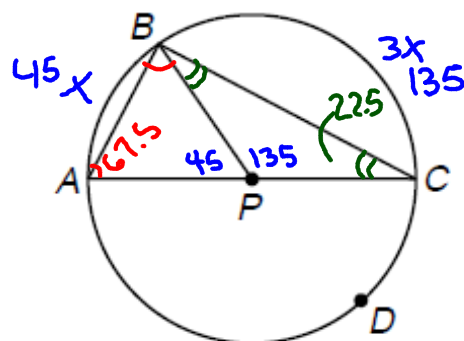
39

11. $m\widehat{RS}$

110

$$180 = 4x$$

$$45 = x$$



In $\odot P$, $m\widehat{AB} = x$ and $m\widehat{BC} = 3x$. Find each measure.

1. $m\widehat{ADC}$

180

2. $m\widehat{AB}$

45

3. $m\widehat{BC}$

135

4. $m\angle ABC$

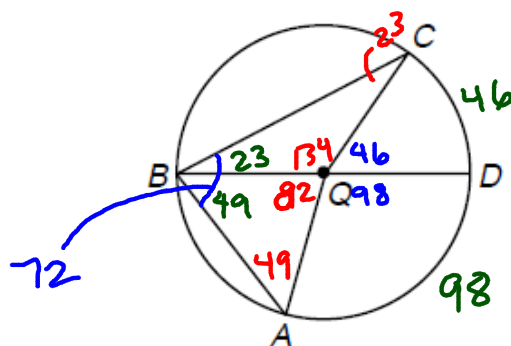
90

5. $m\angle A$

67.5

6. $m\angle C$

22.5



In $\odot Q$, $m\angle ABC = 72$ and $m\widehat{CD} = 46$. Find each measure.

7. $m\widehat{CA}$

144

10. $m\widehat{BC}$

134

8. $m\widehat{AD}$

98

11. $m\angle C$

23

9. $m\angle ABD$

49

12. $m\angle A$

49

